

**Commonwealth of Kentucky**  
**Division for Air Quality**

**PERMIT APPLICATION SUMMARY FORM**

Completed by: Jill Bertelson

GENERAL INFORMATION:

Name:	Mabex Universal Corporation
Address:	300 Spencer Mattingly Lane, Bardstown, Kentucky, 40004
Date application received:	June 1, 1998
SIC/Source description:	3089 Polyethylene Foam Products Manufacturing
AFS(10-digit) Plant ID:	21-179-00050
EIS #:	104-3000-0050
Application log number:	F685
Permit number:	V-98-014

APPLICATION TYPE/PERMIT ACTIVITY:

<input checked="" type="checkbox"/> Initial issuance	<input type="checkbox"/> General permit
<input type="checkbox"/> Permit modification	<input type="checkbox"/> Conditional major
__Administrative	<input type="checkbox"/> Title V
__Minor	<input type="checkbox"/> Synthetic minor
__Significant	<input type="checkbox"/> Operating
<input type="checkbox"/> Permit renewal	<input checked="" type="checkbox"/> Construction/operating

COMPLIANCE SUMMARY:

<input type="checkbox"/> Source is out of compliance	<input type="checkbox"/> Compliance schedule included
<input checked="" type="checkbox"/> Compliance certification signed	

APPLICABLE REQUIREMENTS LIST:

<input checked="" type="checkbox"/> NSR	<input type="checkbox"/> NSPS	<input type="checkbox"/> SIP
<input type="checkbox"/> PSD	<input type="checkbox"/> NESHAPS	<input type="checkbox"/> Other

MISCELLANEOUS:

- ☐ Acid rain source
- ☐ Source subject to 112(r)
- ☐ Source applied for federally enforceable emissions cap
- ☐ Source provided terms for alternative operating scenarios
- ☐ Source subject to a MACT standard
- ☐ Source requested case-by-case 112(g) or (j) determination
- ☐ Application proposes new control technology
- ☒ Certified by responsible official
- ☐ Diagrams or drawings included
- ☐ Confidential business information (CBI) submitted in application
- ☐ Pollution Prevention Measures
- ☐ Area is non-attainment (list pollutants):

EMISSIONS SUMMARY:

<b>Pollutant</b>	<b>Actual (tpy)</b>	<b>Potential (tpy)</b>
PM	N/A	N/A
SO <sub>2</sub>	N/A	N/A
NO <sub>x</sub>	N/A	N/A
CO	N/A	N/A
VOC	373	373
LEAD	N/A	N/A
HAP $\geq$ 10 tpy (by CAS)	N/A	N/A

SOURCE PROCESS DESCRIPTION:

Mabex Universal produces thin sheets of polyethylene foam. Pellets of LDPE are melted and injected with isobutane as a blowing agent, then extruded into long, thin sheets. Rolls of foam are stored in the curing room for several weeks, then processed into final products.

Emission points include an Isobutane Storage Tank, an existing Foam Extruder Line #1, a proposed Foam Extruder Line #2, a Curing Room, and a Recycling Material Recycler.

There is a collection system consisting of floor vents ducted to a roof exhaust stack for each foam extruder line and for the curing room.

The source is constructing a second Foam Extruder Line in the existing extruder room with an additional identical collection system and will increase the amount of foam rolls processed through the curing room.